Docket No.:

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A METHOD FOR MANUFACTURING A THIN FILM MAGNETIC HEAD
described and claimed in the specification:
Check one
*a. attached hereto b. filed onas Application No and amended on(if applicable)
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, amended by any amendment referred to above. I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Titi
37, Code of Federal Regulations, §1.56.
Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provision application(s) filed within one year prior to this application are hereby claimed:
Japanese Patent Application No. 11-184,439 filed on June 29, 1999

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024; Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411; Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771; Mario A. Costantino, Reg. No. 33,565; and Caroline D. Dennison, Reg. No. 34,494.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Typewritten Full Nam of First or Sole Inven		Koichi		TERUNUMA
**Inventor's Signature		Given Name	Middle Initial	Family Name
**Date of Signature:	•	June	5	2000
C		Month	Day	Year Japan
Residence:	Chuc	o-Ku	Tokyo	Japan
Citizenship:	City Japanese		State or Province	Country
	Post Office Address: (Insert complete	c/o TDK CORPORATION, 13-1, Nihonbashi 1-Chome,		
	mailing address, including country)	Chuo-Ku, Toky	o, Japan	

**Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE $\ \square$

[&]quot;If Box (a.) is checked, this form may be executed only

Typewritten Full Name of Second Joint Inventor (if any)		Tetsuya		MINO
, —		Giyen Name	Middle Initial	Family Name
**Inventor's Signature		Tetanja	mino	
**Date of Signature:		June	5	2000
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Residence:	Chuo	-Ku	Tokyo	Japan
Citizenship:	City Japanese		State or Province	Country
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	mailing address, including country)	Chuo-Ku, Toky	o, Japan	
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of Third Joint Invent	or (if any)	Katsuya Given Name	Middle Initial	KANAKUBO Family Name
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**Inventor's Signature		yes Deza		2000
**Date of Signature:	June Month		5 Day	2000 Year
D 11		***	•	
Residence:	Chuo	-Ku	Tokyo State or Province	Japan Country
	City		State of Province	Country
Citizenship:	Japanese			
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of Fourth Joint Inver	ntor (if any)	Noriyuki		ITO
	,	Given Name	Middle Initial	Family Name
**Inventor's Signature	e:	noriyuhi	l to	
**Date of Signature:		June	. 5	2000
-		Month	Day	Year
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residence.	City		State or Province	Country
Citizenship:	Japanese			
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	mailing address,	O1 - 17 - 77 1	T	
	including country)	Chuo-Ku, Tokyo	o, Japan	<u>"</u>
Typewritten Full Nat				
of Fifth Joint Invent	or (if any)	Given Name	Middle Initial	Family Name
**Inventor's Signatur	re:			
**Date of Signature:	<u> </u>			
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Residence:				
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Citizenship:				·
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	mailing address, including country)			

^{**}Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.